

Enhanced English Language Abstract - FR2230366

SOURCES:

Selected file: WPAT

Derwent World Patents Index, (c) The Thomson Corporation
UP (basic), UE(equiv), UA (poly), UB (chem): updates through 2006-82
Reloaded. French & German abstracts and US Classes are now included.
For source data, use in combination with DWPIMV (Member View) file.
For details, please see QO website and DWPI/DWPX/DWPIMV FactSheet.
Last database update : 2006/12/22 (YYYY/MM/DD)

SEARCH RESULTS:

1 / 1 WPAT - ©The Thomson Corp.

Derwent Accession :

1974-85606V [50]

Title :

Pyrazolo(1,5-a)-s-triazines and their salts, with bronchospasmolytic activity

Derwent Class :

B02

Patent Assignee :

(SANO) SANDOZ AG

Nbr of Patents :

14

Nbr of Countries :

14

Patent Number :

BE-815405 A 19741122 DW1974-50 Fre *

NL7406641 A 19741126 DW1974-50 Dut

DE2424334 A 19741219 DW1974-52 Ger
AP: 1974DE-2424334 19740518

NO7401738 A 19741216 DW1975-02 Nor

SE7406386 A 19741223 DW1975-03 Swe

DK7402624 A 19741230 DW1975-04 Dan

FR2230366 A 19750124 DW1975-11 Fre

FI7401461 A 19750131 DW1975-16 Fin

JP50019769 A 19750301 DW1975-17 Jpn

PT--61980 A 19750417 DW1975-30 Por

DD-113907 A 19750705 DW1975-36 Ger

ZA7403316 A 19751124 DW1976-13 Eng

CH-581137 A 19761029 DW1976-47 Ger

HUT012646 T 19761227 DW1977-02 Hun

Priority Number :

1974CH-0004425 19740329; 1973CH-0007257 19730522; 1973CH-0007258
19730522; 1973CH-0007259 19730522; 1973CH-0016940 19731204

Intl Patent Class :

A61K-027/00; C07D-487/04; C07D-057/34

Abstract :

BE-815405 A

(A) Cpd. of formula (I) and their acid-addition salts are new (where R' is H, alkyl, 3-6C cycloalkyl, phenyl opt. subst. by halogen, alkyl, alkoxy; R2 is H, Cl, Br, formyl acetyl, NH2, NO2, alkyl dialkylaminomethyl or the group -NH.CO.A where A is H or alkyl opt. subst. by halogen; R3 is H, OH, alkyl, 3-6C cycloalkyl, phenyl opt. subst. by halogen, alkyl, alkoxy; R4 is H, alkyl, alkenyl or alkynyl where the multiple bond is not alpha to the N-atom, hydroxyalkyl or alkoxyalkyl where the O-atom is separated from the N-atom by at least two C-atoms; dialkylaminoalkyl in which the N-atoms are separated by at least two C-atoms; 3-7C cycloalkyl, 4-10C cycloalkylalkyl, pyridyl, pyrimidyl, benzyl (opt. subst. in the aryl part by halogen, OH, alkyl, alkoxy), NH2, dialkylamino, 2-7C alkyleneimino; R5 is H, alkyl, alkenyl or alkynyl where the multiple bond is not alpha to the N-atom to which the group is attached, hydroxyalkyl or alkoxyalkyl where the O-atom is separated from the N-atom by at least two C-atoms, dialkylaminoalkyl where the two N-atoms are separated by at least two C-atoms, 3-7C cycloalkyl, 4-10C cycloalkylalkyl; or R4 and R5 together with the attached N-atom form piperidino, pyrrolidino, morpholino, thiomorpholino, or a group N4-B-(1-piperazinyl) where B is alkyl or hydroxyalkyl where the OH group is separated from the N4-atom by at least 2 C-atoms; or phenyl opt. subst. by halogen, alkyl, alkoxy; the group A opt. present in the group R2 must be H, Me or Et when R4, R5 are both H). (B) Cpd. of formula (II) are also new: (where R' is as in I; R2a is H Cl, Br, NO2, alkyl; R3a is H, alkyl, 3-6C cycloalkyl, phenyl opt. subst. by halo, alkyl, alkoxy; X is OH or the group SR6 where R6 is H, alkyl, 3-6C cycloalkyl, benzyl, opt. subst. by OH, alkyl, alkoxy or halogen on the benzene ring.) (I) and (II) are bronchospasmolytics; acute LD50 (p.o.rat) is typically $\geq 100\text{mg/kg}$. (II) are also inters. to (I).

Manual Codes :

CPI: B06-D09 B12-E02 B12-K02

Update Basic :

1974-50

Update Equiv. :

1974-50; 1974-52; 1975-02; 1975-03; 1975-04; 1975-11; 1975-16; 1975-17; 1975-30; 1975-36; 1976-13; 1976-47; 1977-02